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HUGHES TOOL COMPANY'S
INTERNATIONAL ROTARY DRILLING RIG REPORT
AS OF DECEMBER 31, 1980

SOUTH AMERICA, CENTRAL AMERICA AND MEXICO

Country	Number of Rigs
Argentina	82
Bolivia *	4
Chile	8
Ecuador *	3
Peru	22
Brazil	75
Venezuela*	50
Colombia *	21
Trinidad *	12
Mexico	216
Central America	6
TOTAL:	499

* - No report for Dec. (Nov. figures)

EUROPE

Austria	7
Denmark	2
France	18
Germany	22
Greece	3
Holland	14
Italy	25
Norway	11
Switzerland	1
Spain	12

-continued-

Europe continued --

Country	Number of Rigs
United Kingdom (North Sea)	50
Yugoslavia	22
TOTAL:	187

AFRICA

Algeria	106
Angola	4
Cameroun	8
Gabon	6
Libya	40
Morocco	3
Chad	1
Nigeria	20
Rep. of Congo	5
Rep. of Zaire	1
Tunisia	9
Niger	5
Ivory Coast	3
South Africa	2
Sudan	2
TOTAL:	215

MIDDLE EAST

Abu Dhabi	24
Bahrain	1
Dubai	3
Egypt	27
Iraq	39

-continued-

Middle East continued--

Country	Number of Rigs
Kuwait	3
Oman	8
Qatar	8
Ras Al Khaimah	1
Saudi Arabia	25
Sharjah	1
Syria	15
Turkey	40
TOTAL:	195

ASIA

Bangladesh	5
Brunei	7
Burma	28
India	43
Indonesia	84
Japan	15
Malaysia	13
Pakistan	15
Philippines	10
Thailand	5
Taiwan	12
TOTAL:	237
P. R. of China (offshore only)*	13

-continued-

Country	Number of Rigs
Australia	14
New Zealand	4
TOTAL:	18

GRAND TOTAL FOR ALL NON-COMMUNIST COUNTRIES EXCLUDING THE UNITED STATES AND CANADA: 1,351

*-- this total of 13 is not included in Grand Total of 1,351.

HUGHES TOOL COMPANY'S
INTERNATIONAL ROTARY DRILLING RIG REPORT
AS OF MARCH 31, 1981

SOUTH AMERICA, CENTRAL AMERICA AND MEXICO

Country	Number of Rigs
Argentina	78
Bolivia	11
Brazil	78
Central America*	6
Chile	6
Colombia*	21
Ecuador	5
Mexico*	216
Peru	22
Trinidad*	14
Venezuela	63
TOTAL:	518

* - No report for March

EUROPE

Austria	8
Denmark	2
France	17
Germany	24
Greece	6
Holland	15
Italy	32
Norway	12
Portugal	1
Switzerland	1
Spain	12

-continued-

Report as of March 31, 1981

Europe continued --

Country	Number of Rigs
United Kingdon	58
Yugoslavia	22
	210

AFRICA

Algeria	106
Angola	4
Cameroun	8
Gabon	12
Libya	33
Morocco	4
Chad	1
Nigeria	20
Rep. of Congo	7
Rep. of Zaire	1
Tunisia	9
Niger	5
Ivory Coast	4
South Africa	2
Sudan	3
TOTAL	219

MIDDLE EAST

Abu Dhabi	28
Bahrain	1
Egypt	22
Iraq	39
Dubai	2

-continued-

Hughes Tool Company's International Rotary Drilling Rig
Report as of March 31, 1981

Middle East continued --

Country	Number of Rigs
Kuwait	5
Oman	9
Qatar	8
Ras Al Khaimah	1
Saudi Arabia	29
Sharjah	2
Syria	16
Turkey	26
Umm Al Qaiwain	1
TOTAL:	187

ASIA

Bangladesh	5
Brunei	7
Burma	31
India	44
Indonesia	85
Japan	17
Malaysia	13
Pakistan	16
Philippines	11
Thailand	7
Taiwan	12
TOTAL	248
P. R. of China (offshore only)**	13

-continued-

Hughes Tool Company's International Rotary Drilling Rig
Report as of March 31, 1981

Country	Number of Rigs
Australia	14
New Zealand	4
TOTAL	18

GRAND TOTAL FOR ALL NON-COMMUNIST COUNTRIES EXCLUDING THE UNITED STATES AND CANADA: 1,400

** -- this total of 13 is not included in Grand Total of 1,400

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HUGHES TOOL COMPANY

INTERNATIONAL ROTARY DRILLING RIG REPORT

MONTH OF: June 1981

S U M M A R Y

	THIS MONTH	LAST MONTH	THIS MONTH LAST YEAR
AFRICA	214	214	218
EUROPE	209	209	181
FAR EAST	248	248	223
LATIN AMERICA	509	525	482
MIDDLE EAST	160	160	162
SOUTH PACIFIC	22	18	19
TOTAL - Non-Communist Countries	1,362	1,374	1,285
Peoples Republic of China	13	13	10

DATE: July 13, 1981

HUGHES TOOL COMPANY

INTERNATIONAL ROTARY DRILLING RIG REPORT

MONTH OF: June 1981

AFRICA	THIS MONTH			LAST MONTH		THIS MONTH LAST YEAR	
	LAND	OFFSHORE	TOTAL	LAND	OFFSHORE	LAND	OFFSHORE
ALGERIA	98	0	98	98	0	113	0
ANGOLA	0	4	4	0	4	1	4
CAMEROUN	0	8	8	0	8	0	4
GABON	5	8	13	5	8	2	7
LIBYA	31	2	33	31	2	38	2
MOROCCO	4	0	4	4	0	1	1
CHAD	1	0	1	1	0	1	0
NIGERIA	15	5	20	15	5	15	5
REP. OF CONGO	2	5	7	2	5	0	4
REP. OF ZAIRE	1	0	1	1	0	1	0
TUNISIA	8	3	11	8	3	5	2
NIGER	5	0	5	5	0	5	0
IVORY COAST	0	4	4	0	4	1	2
SOUTH AFRICA	0	2	2	0	2	1	1
SUDAN	3	0	3	3	0	2	0
TOTAL:	173	41	214	173	41	186	32

HUGHES TOOL COMPANY

INTERNATIONAL ROTARY DRILLING RIG REPORT

MONTH OF: June 1981

EUROPE	THIS MONTH			LAST MONTH		THIS MONTH LAST YEAR	
	LAND	OFFSHORE	TOTAL	LAND	OFFSHORE	LAND	OFFSHORE
AUSTRIA	8	0	8	8	0	8	0
BELGIUM	0	0	0	0	0	1	0
DENMARK	0	2	2	0	2	3	0
FRANCE	15	2	17	15	2	10	1
GERMANY	23	1	24	23	1	23	0
GREECE	3	3	6	3	3	1	2
HOLLAND	9	6	15	9	6	6	14
IRELAND	0	0	0	0	0	0	0
ITALY	25	7	32	25	7	7	9
NORWAY	0	12	12	0	12	0	11
PORTUGAL	1	0	1	1	0	0	0
SWITZERLAND	1	0	1	1	0	1	0
SPAIN	8	2	10	8	2	5	7
UNITED KINGDOM	4	55	59	4	55	2	48
YUGOSLAVIA	22	0	22	22	0	22	0
TOTAL:	119	90	209	119	90	89	92

HUGHES TOOL COMPANY INTERNATIONAL ROTARY DRILLING RIG REPORT

MONTH OF: June 1981

FAR EAST	THIS MONTH LAND	THIS MONTH OFFSHORE	THIS MONTH TOTAL	LAST MONTH LAND	LAST MONTH OFFSHORE	THIS MONTH LAST YEAR LAND	THIS MONTH LAST YEAR OFFSHORE
BANGLADESH	5	0	5	5	0	2	0
BRUNEI	1	6	7	1	6	2	6
BURMA	31	0	31	31	0	24	0
INDIA	37	7	44	37	7	36	6
INDONESIA	60	25	85	60	25	58	19
JAPAN	15	2	17	15	2	13	3
KOREA	0	0	0	0	0	0	0
MALAYSIA	0	13	13	0	13	1	10
MALDIVES	0	0	0	0	0	0	0
NORTH KOREA	0	0	0	0	0	0	1
PAKISTAN	16	0	16	16	0	12	0
PHILIPPINES	8	3	11	8	3	10	3
THAILAND	2	5	7	2	5	1	3
TAIWAN	11	1	12	11	1	10	2
VIETNAM	0	0	0	0	0	0	1
TOTAL:	186	62	248	186	62	169	54
P.R. of CHINA	0	13	13	0	13	0	10

HUGHES TOOL COMPANY

INTERNATIONAL ROTARY DRILLING RIG REPORT

MONTH OF: June 1981

LATIN AMERICA	THIS MONTH			LAST MONTH		THIS MONTH LAST YEAR	
	LAND	OFFSHORE	TOTAL	LAND	OFFSHORE	LAND	OFFSHORE
ARGENTINA	65	3	68	76	2	71	1
BOLIVIA	10	0	10	11	0	4	0
BRAZIL	52	31	83	48	31	38	38
CENTRAL AMERICA	5	0	5	5	0	3	0
CHILE	3	4	7	3	4	4	2
COLOMBIA	16	0	16	25	0	13	1
ECUADOR	3	0	3	4	0	3	0
MEXICO	197	20	217	197	20	193	23
PARAGUAY	0	0	0	0	0	0	0
PERU	18	5	23	18	5	15	5
TRINIDAD	8	6	14	8	6	8	6
URUGUAY	0	0	0	0	0	0	0
VENEZUELA	46	17	63	45	17	38	16
TOTAL:	423	86	509	440	85	390	92

HUGHES TOOL COMPANY

INTERNATIONAL ROTARY DRILLING RIG REPORT

MONTH OF: June 1981

MIDDLE EAST	THIS MONTH			LAST MONTH		THIS MONTH LAST YEAR	
	LAND	OFFSHORE	TOTAL	LAND	OFFSHORE	LAND	OFFSHORE
ABU DHABI	10	18	28	10	18	5	19
BAHRAIN	1	0	1	1	0	1	0
DUBAI	0	2	2	0	2	1	2
EGYPT	11	16	27	11	16	10	17
IRAN		No Report			No Report		
IRAQ	5	0	5	5	0	39	0
KUWAIT	3	0	3	3	0	3	0
NEUTRAL ZONE		Included in Saudi Arabia					
OMAN	9	0	9	9	0	8	0
QATAR	4	4	8	4	4	4	4
RAS AL KHAIMAH	1	0	1	1	0	1	0
SAUDI ARABIA	16	15	31	16	15	15	10
SHARJAH	1	1	2	1	1	1	0
SYRIA	16	0	16	16	0	15	0
TURKEY	26	0	26	26	0	7	0
UMM AL QAIWAIN	1	0	1	1	0	0	0
TOTAL:	104	56	160	104	56	110	52

HUGHES TOOL COMPANY

INTERNATIONAL ROTARY DRILLING RIG REPORT

MONTH OF: June 1981

SOUTH PACIFIC	THIS MONTH			LAST MONTH		THIS MONTH LAST YEAR	
	LAND	OFFSHORE	TOTAL	LAND	OFFSHORE	LAND	OFFSHORE
AUSTRALIA	19	2	21	11	3	10	7
NEW ZEALAND	0	1	1	3	1	1	0
PAPUA NEW GUINEA	0	0	0	0	0	1	0
TOTAL:	19	3	22	14	4	12	7

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HUGHES TOOL COMPANY
INTERNATIONAL ROTARY DRILLING RIG REPORT
SUMMARY
MONTH OF: JULY 1981

	THIS MONTH	LAST MONTH	THIS MONTH LAST YEAR
AFRICA	214	214	216
EUROPE	204	209	178
FAR EAST	244	248	225
LATIN AMERICA	522	509	475
MIDDLE EAST	167	160	195
SOUTH PACIFIC	24	22	19
TOTAL:	1,375	1,362	1,308
PEOPLES REPUBLIC OF CHINA (OFFSHORE)	4	13	13

HUGHES TOOL COMPANY
INTERNATIONAL ROTARY DRILLING RIG REPORT
MONTH OF: JULY 1981

	THIS MONTH			LAST MONTH		THIS MONTH LAST YEAR	
	LAND	OFFSHORE	TOTAL	LAND	OFFSHORE	LAND	OFFSHORE
AFRICA							
ALGERIA	98	0	98	98	0	111	0
ANGOLA	0	4	4	0	4	1	4
CAMEROUN	0	8	8	0	8	0	4
GABON	5	8	13	5	8	2	7
LIBYA	31	2	33	31	2	38	2
MOROCCO	4	0	4	4	0	1	1
CHAD	1	0	1	1	0	1	0
NIGERIA	15	5	20	15	5	15	5
REP. OF CONGO	2	5	7	2	5	0	4
REP. OF ZAIRE	1	0	1	1	0	1	0
TUNISIA	8	3	11	8	3	5	2
NIGER	5	0	5	5	0	5	0
IVORY COAST	0	4	4	0	4	1	2
SOUTH AFRICA	0	2	2	0	2	0	2
SUDAN	3	0	3	3	0	2	0
TOTAL:	173	41	214	173	41	183	33

HUGHES TOOL COMPANY
INTERNATIONAL ROTARY DRILLING RIG REPORT
MONTH OF: JULY 1981

	THIS MONTH			LAST MONTH		THIS MONTH LAST YEAR	
	LAND	OFFSHORE	TOTAL	LAND	OFFSHORE	LAND	OFFSHORE
EUROPE							
AUSTRIA	10	0	10	8	0	8	0
BELGIUM	0	0	0	0	0	1	0
DENMARK	0	2	2	0	2	3	0
FRANCE	15	2	17	15	2	10	1
GERMANY	24	0	24	23	1	21	0
GREECE	3	3	6	3	3	1	2
HOLLAND	9	6	15	9	6	6	11
IRELAND	0	0	0	0	0	0	2
ITALY	25	7	32	25	7	7	9
NORWAY	0	12	12	0	12	0	9
PORTUGAL	1	0	1	1	0	0	0
SWITZERLAND	1	0	1	1	0	1	0
SPAIN	5	1	6	8	2	7	4
UNITED KINGDOM	5	51	56	4	55	3	50
YUGOSLAVIA	22	0	22	22	0	22	0
TOTAL:	120	84	204	119	90	90	88

HUGHES TOOL COMPANY
INTERNATIONAL ROTARY DRILLING RIG REPORT
MONTH OF: JULY 1981

	THIS MONTH			LAST MONTH		THIS MONTH LAST YEAR	
	LAND	OFFSHORE	TOTAL	LAND	OFFSHORE	LAND	OFFSHORE
FAR EAST							
BANGLADESH	5	0	5	5	0	3	0
BRUNEI	1	6	7	1	6	1	7
BURMA	31	0	31	31	0	25	0
INDIA	37	7	44	37	7	37	6
INDONESIA	59	27	86	60	25	57	19
JAPAN	11	2	13	15	2	13	3
KOREA	0	0	0	0	0	0	0
MALAYSIA	0	12	12	0	13	1	10
MALDIVES	0	0	0	0	0	0	0
NORTH KOREA	0	0	0	0	0	0	0
PAKISTAN	14	0	14	16	0	14	0
PHILIPPINES	10	3	13	8	3	10	3
THAILAND	3	4	7	2	5	1	3
TAIWAN	11	1	12	11	1	10	2
VIETNAM	0	0	0	0	0	0	0
TOTAL:	182	62	244	186	62	172	53
P.R. OF CHINA		4			13		13

HUGHES TOOL COMPANY
INTERNATIONAL ROTARY DRILLING RIG REPORT
MONTH OF: JULY 1981

	THIS MONTH			LAST MONTH		THIS MONTH LAST YEAR	
	LAND	OFFSHORE	TOTAL	LAND	OFFSHORE	LAND	OFFSHORE
LATIN AMERICA							
ARGENTINA	68	3	71	65	3	69	0
BARBADOS	1	0	1	0	0	0	0
BOLIVIA	11	0	11	10	0	4	0
BRAZIL	53	29	82	52	31	38	38
GUATEMALA	7	0	7	5	0	3	0
CHILE	4	4	8	3	4	4	3
COLOMBIA	19	0	19	16	0	11	1
ECUADOR	4	0	4	3	0	3	0
MEXICO	197	20	217	197	20	193	23
PARAGUAY	0	0	0	0	0	0	0
PERU	18	6	24	18	5	16	5
TRINIDAD	8	7	15	8	6	9	5
URUGUAY	0	0	0	0	0	0	0
VENEZUELA	46	17	63	46	17	36	14
TOTAL:	436	86	522	423	86	386	89

HUGHES TOOL COMPANY
INTERNATIONAL ROTARY DRILLING RIG REPORT
MONTH OF: JULY 1981

	THIS MONTH			LAST MONTH		THIS MONTH LAST YEAR	
	LAND	OFFSHORE	TOTAL	LAND	OFFSHORE	LAND	OFFSHORE
MIDDLE EAST							
ABU DHABI	18	16	34	10	18	5	19
BAHRAIN	1	0	1	1	0	1	0
DUBAI	0	2	2	0	2	1	2
EGYPT	11	16	27	11	16	10	17
IRAN	0	0	0	0	0	0	0
IRAQ	5	0	5	5	0	39	0
KUWAIT	3	0	3	3	0	3	0
NEUTRAL ZONE	0	0	0	0	0	0	0
OMAN	10	0	10	9	0	8	0
QATAR	3	4	7	4	4	4	4
RAS AL KHAIMAH	1	0	1	1	0	1	0
SAUDI ARABIA	16	15	31	16	15	15	10
SHARJAH	2	1	3	1	1	1	0
SYRIA	16	0	16	16	0	15	0
TURKEY	26	0	26	26	0	40	0
UMM AL QAIWAIN	1	0	1	1	0	0	0
TOTAL:	113	54	167	104	56	143	52

HUGHES TOOL COMPANY
INTERNATIONAL ROTARY DRILLING RIG REPORT
MONTH OF: JULY 1981

	THIS MONTH			LAST MONTH		THIS MONTH LAST YEAR	
	LAND	OFFSHORE	TOTAL	LAND	OFFSHORE	LAND	OFFSHORE
SOUTH PACIFIC							
AUSTRALIA	19	4	23	19	2	10	7
NEW ZEALAND	0	1	1	0	1	1	0
PAPUA NEW GUINEA	0	0	0	0	0	1	0
TOTAL:	19	5	24	19	3	12	7

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HUGHES TOOL COMPANY
INTERNATIONAL ROTARY DRILLING RIG REPORT
SUMMARY
MONTH OF: AUGUST 1981

	THIS MONTH	LAST MONTH	THIS MONTH LAST YEAR
AFRICA	198	214	216
EUROPE	219	204	166
FAR EAST	243	244	222
LATIN AMERICA	538	522	476
MIDDLE EAST	167	167	195
SOUTH PACIFIC	24	24	21
TOTAL:	1,389	1,375	1,296
PEOPLES REPUBLIC OF CHINA (OFFSHORE)	4	4	13

HUGHES TOOL COMPANY
INTERNATIONAL ROTARY DRILLING RIG REPORT
MONTH OF: AUGUST 1981

	THIS MONTH			LAST MONTH		THIS MONTH LAST YEAR	
	LAND	OFFSHORE	TOTAL	LAND	OFFSHORE	LAND	OFFSHORE
AFRICA							
ALGERIA	80	0	80	98	0	111	0
ANGOLA	0	4	4	0	4	1	4
CAMEROUN	0	8	8	0	8	0	4
GABON	5	8	13	5	8	2	7
LIBYA	31	2	33	31	2	38	2
MOROCCO	5	1	6	4	0	1	1
CHAD	1	0	1	1	0	1	0
NIGERIA	15	5	20	15	5	15	5
REP. OF CONGO	2	5	7	2	5	0	4
REP. OF ZAIRE	1	0	1	1	0	1	0
TUNISIA	8	3	11	8	3	5	2
NIGER	5	0	5	5	0	5	0
IVORY COAST	0	4	4	0	4	1	2
SOUTH AFRICA	0	2	2	0	2	0	2
SUDAN	3	0	3	3	0	2	0
TOTAL:	156	42	198	173	41	183	33

HUGHES TOOL COMPANY
INTERNATIONAL ROTARY DRILLING RIG REPORT
MONTH OF: AUGUST 1981

	THIS MONTH			LAST MONTH		THIS MONTH LAST YEAR	
	LAND	OFFSHORE	TOTAL	LAND	OFFSHORE	LAND	OFFSHORE
EUROPE							
AUSTRIA	10	0	10	10	0	2	0
BELGIUM	0	0	0	0	0	0	0
DENMARK	0	2	2	0	2	3	0
FRANCE	15	2	17	15	2	10	1
GERMANY	28	0	28	24	0	22	0
GREECE	3	3	6	3	3	1	2
HOLLAND	10	9	19	9	6	6	8
IRELAND	0	0	0	0	0	0	2
ITALY	25	7	32	25	7	7	9
NORWAY	0	12	12	0	12	0	9
PORTUGAL	1	0	1	1	0	0	0
SWITZERLAND	1	0	1	1	0	1	0
SPAIN	8	1	9	5	1	7	4
UNITED KINGDOM	5	55	60	5	51	3	47
YUGOSLAVIA	22	0	22	22	0	22	0
TOTAL:	128	91	219	120	84	84	82

HUGHES TOOL COMPANY
INTERNATIONAL ROTARY DRILLING RIG REPORT
MONTH OF: AUGUST 1981

	THIS MONTH			LAST MONTH		THIS MONTH LAST YEAR	
	LAND	OFFSHORE	TOTAL	LAND	OFFSHORE	LAND	OFFSHORE
FAR EAST							
BANGLADESH	5	0	5	5	0	3	0
BRUNEI	1	6	7	1	6	1	6
BURMA	31	0	31	31	0	25	0
INDIA	37	7	44	37	7	37	6
INDONESIA	59	27	86	59	27	56	19
JAPAN	10	2	12	11	2	13	3
KOREA	0	0	0	0	0	0	0
MALAYSIA	0	11	11	0	12	1	11
MALDIVES	0	0	0	0	0	0	0
NORTH KOREA	0	0	0	0	0	0	0
PAKISTAN	14	0	14	14	0	14	0
PHILIPPINES	10	3	13	10	3	7	3
THAILAND	3	5	8	3	4	1	4
TAIWAN	11	1	12	11	1	10	2
VIETNAM	0	0	0	0	0	0	0
TOTAL:	181	62	243	182	62	168	54
P.R. OF CHINA		4			4		13

HUGHES TOOL COMPANY
INTERNATIONAL ROTARY DRILLING RIG REPORT
MONTH OF: AUGUST 1981

	THIS MONTH			LAST MONTH		THIS MONTH LAST YEAR	
	LAND	OFFSHORE	TOTAL	LAND	OFFSHORE	LAND	OFFSHORE
LATIN AMERICA							
ARGENTINA	69	4	73	68	3	73	0
BARBADOS	1	0	1	1	0	0	0
BOLIVIA	12	0	12	11	0	4	0
BRAZIL	56	30	86	53	29	38	37
GUATEMALA	7	0	7	7	0	4	0
CHILE	4	4	8	4	4	4	3
COLOMBIA	20	0	20	19	0	10	0
ECUADOR	4	0	4	4	0	3	0
MEXICO	200	20	220	197	20	193	23
PARAGUAY	0	0	0	0	0	0	0
PERU	21	6	27	18	6	17	5
TRINIDAD	7	8	15	8	7	7	5
URUGUAY	0	0	0	0	0	0	0
VENEZUELA	47	18	65	46	17	36	14
TOTAL:	448	90	538	436	86	389	87

HUGHES TOOL COMPANY
INTERNATIONAL ROTARY DRILLING RIG REPORT
MONTH OF: AUGUST 1981

	THIS MONTH			LAST MONTH		THIS MONTH LAST YEAR	
	LAND	OFFSHORE	TOTAL	LAND	OFFSHORE	LAND	OFFSHORE
MIDDLE EAST							
ABU DHABI	18	16	34	18	16	5	19
BAHRAIN	1	0	1	1	0	1	0
DUBAI	0	2	2	0	2	1	2
EGYPT	11	16	27	11	16	10	17
IRAN	0	0	0	0	0	0	0
IRAQ	5	0	5	5	0	39	0
KUWAIT	3	0	3	3	0	3	0
NEUTRAL ZONE	0	0	0	0	0	0	0
OMAN	10	0	10	10	0	8	0
QATAR	3	4	7	3	4	4	4
RAS AL KHAIMAH	1	0	1	1	0	1	0
SAUDI ARABIA	16	15	31	16	15	15	10
SHARJAH	2	1	3	2	1	1	0
SYRIA	16	0	16	16	0	15	0
TURKEY	26	0	26	26	0	40	0
UMM AL QAIWAIN	1	0	1	1	0	0	0
TOTAL:	113	54	167	113	54	143	52

HUGHES TOOL COMPANY
INTERNATIONAL ROTARY DRILLING RIG REPORT
MONTH OF: AUGUST 1981

	THIS MONTH			LAST MONTH		THIS MONTH LAST YEAR	
	LAND	OFFSHORE	TOTAL	LAND	OFFSHORE	LAND	OFFSHORE
SOUTH PACIFIC							
AUSTRALIA	19	4	23	19	4	12	7
NEW ZEALAND	0	1	1	0	1	1	0
PAPUA NEW GUINEA	0	0	0	0	0	1	0
TOTAL:	19	5	24	19	5	14	7

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HUGHES TOOL COMPANY
INTERNATIONAL ROTART DRILLING RIG REPORT
SUMMARY
MONTH OF: SEPTEMBER 1981

	THIS MONTH	LAST MONTH	THIS MONTH LAST YEAR
AFRICA	214	198	216
EUROPE	227	219	176
FAR EAST	253	243	227
LATIN AMERICA	530	538	477
MIDDLE EAST	166	167	195
SOUTH PACIFIC	31	24	21
TOTAL:	1,421	1,389	1,312
PEOPLES REPUBLIC OF CHINA (OFFSHORE)	4	4	13

HUGHES TOOL COMPANY
INTERNATIONAL ROTARY DRILLING RIG REPORT
MONTH OF: SEPTEMBER 1981

	THIS MONTH			LAST MONTH		THIS MONTH LAST YEAR	
	LAND	OFFSHORE	TOTAL	LAND	OFFSHORE	LAND	OFFSHORE
AFRICA							
ALGERIA	80	0	80	80	0	111	0
ANGOLA	2	6	8	0	4	1	4
CAMEROUN	0	6	6	0	8	0	4
GABON	4	11	15	5	8	2	7
LIBYA	31	2	33	31	2	38	2
MOROCCO	5	1	6	5	1	1	1
CHAD	1	0	1	1	0	1	0
NIGERIA	19	9	28	15	5	15	5
REP. OF CONGO	2	5	7	2	5	0	4
REP. OF ZAIRE	2	1	3	1	0	1	0
TUNISIA	8	3	11	8	3	5	2
NIGER	5	0	5	5	0	5	0
IVORY COAST	0	6	6	0	4	1	2
SOUTH AFRICA	0	2	2	0	2	0	2
SUDAN	3	0	3	3	0	2	0
TOTAL:	162	52	214	156	42	183	33

HUGHES TOOL COMPANY
INTERNATIONAL ROTARY DRILLING RIG REPORT
MONTH OF: SEPTEMBER 1981

	THIS MONTH			LAST MONTH		THIS MONTH LAST YEAR	
	LAND	OFFSHORE	TOTAL	LAND	OFFSHORE	LAND	OFFSHORE
EUROPE							
AUSTRIA	10	0	10	10	0	7	0
BELGIUM	0	0	0	0	0	0	0
DENMARK	0	2	2	0	2	3	0
FRANCE	21	2	23	15	2	10	1
GERMANY	28	0	28	28	0	22	0
GREECE	3	3	6	3	3	1	2
HOLLAND	10	9	19	10	9	6	11
IRELAND	0	0	0	0	0	0	2
ITALY	25	7	32	25	7	7	9
NORWAY	0	12	12	0	12	0	11
PORTUGAL	1	0	1	1	0	0	0
SWITZERLAND	1	0	1	1	0	1	0
SPAIN	8	3	11	8	1	7	4
UNITED KINGDOM	5	55	60	5	55	3	47
YUGOSLAVIA	22	0	22	22	0	22	0
TOTAL:	134	93	227	128	91	89	87

HUGHES TOOL COMPANY
INTERNATIONAL ROTARY DRILLING RIG REPORT
MONTH OF: SEPTEMBER 1981

	THIS MONTH			LAST MONTH		THIS MONTH LAST YEAR	
	LAND	OFFSHORE	TOTAL	LAND	OFFSHORE	LAND	OFFSHORE
FAR EAST							
BANGLADESH	5	0	5	5	0	4	0
BRUNEI	1	6	7	1	6	1	6
BURMA	31	0	31	31	0	27	0
INDIA	37	8	45	37	7	37	6
INDONESIA	60	30	90	59	27	56	20
JAPAN	15	2	17	10	2	14	2
KOREA	0	0	0	0	0	0	1
MALAYSIA	0	11	11	0	11	1	12
MALDIVES	0	0	0	0	0	0	0
NORTH KOREA	0	0	0	0	0	0	0
PAKISTAN	14	0	14	14	0	14	0
PHILIPPINES	12	3	15	10	3	7	2
THAILAND	3	5	8	3	5	1	4
TAIWAN	9	1	10	11	1	11	1
VIETNAM	0	0	0	0	0	0	0
TOTAL:	187	66	253	181	62	173	54
P.R. OF CHINA		4			4		13

HUGHES TOOL COMPANY
INTERNATIONAL ROTARY DRILLING RIG REPORT
MONTH OF: SEPTEMBER 1981

	THIS MONTH			LAST MONTH		THIS MONTH LAST YEAR	
	LAND	OFFSHORE	TOTAL	LAND	OFFSHORE	LAND	OFFSHORE
LATIN AMERICA							
ARGENTINA	59	4	63	69	4	76	0
BARBADOS	1	0	1	1	0	0	0
BOLIVIA	14	0	14	12	0	4	0
BRAZIL	55	28	83	56	30	37	36
GUATEMALA	7	0	7	7	0	4	0
CHILE	3	4	7	4	4	4	3
COLOMBIA	22	0	22	20	0	10	0
ECUADOR	4	0	4	4	0	3	0
MEXICO	200	20	220	200	20	193	23
PARAGUAY	1	0	1	0	0	0	0
PERU	21	6	27	21	6	17	5
TRINIDAD	8	7	15	7	8	7	5
URUGUAY	0	0	0	0	0	0	0
VENEZUELA	50	16	66	47	18	36	14
TOTAL:	445	85	530	448	90	391	86

HUGHES TOOL COMPANY
INTERNATIONAL ROTARY DRILLING RIG REPORT
MONTH OF: SEPTEMBER 1981

	THIS MONTH			LAST MONTH		THIS MONTH LAST YEAR	
	LAND	OFFSHORE	TOTAL	LAND	OFFSHORE	LAND	OFFSHORE
MIDDLE EAST							
ABU DHABI	19	16	35	18	16	5	19
BAHRAIN	1	0	1	1	0	1	0
DUBAI	0	2	2	0	2	1	2
EGYPT	8	19	27	11	16	10	17
IRAN	0	0	0	0	0	0	0
IRAQ	5	0	5	5	0	39	0
KUWAIT	3	0	3	3	0	3	0
NEUTRAL ZONE	0	0	0	0	0	0	0
OMAN	10	0	10	10	0	8	0
QATAR	3	4	7	3	4	4	4
RAS AL KHAIMAH	1	0	1	1	0	1	0
SAUDI ARABIA	16	13	29	16	15	15	10
SHARJAH	2	1	3	2	1	1	0
SYRIA	16	0	16	16	0	15	0
TURKEY	26	0	26	26	0	40	0
UMM AL QAIWAIN	1	0	1	1	0	0	0
TOTAL:	111	55	166	113	54	143	52

HUGHES TOOL COMPANY
INTERNATIONAL ROTARY DRILLING RIG REPORT
MONTH OF: SEPTEMBER 1981

	THIS MONTH			LAST MONTH		THIS MONTH LAST YEAR	
	LAND	OFFSHORE	TOTAL	LAND	OFFSHORE	LAND	OFFSHORE
SOUTH PACIFIC							
AUSTRALIA	23	6	29	19	4	12	7
NEW ZEALAND	1	1	2	0	1	1	0
PAPUA NEW GUINEA	0	0	0	0	0	1	0
TOTAL:	24	7	31	19	5	14	7